

Comparisons of Job Characteristics

Focus Occupation: Logging Equipment Operators (45-4022)

Associated Occupation: Fallers (45-4021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Logging Equipment Operators (45-4022)

Associated Occupation: Fallers (45-4021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	9.0	14.4	>> Current knowledge level is likely more than sufficient
Production and Processing	6.0	7.2	6.1	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Logging Equipment Operators (45-4022)

Associated Occupation: Fallers (45-4021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	9.2	13.3	>> Skill level is likely more than sufficient
Equipment Maintenance	3.5	7.2	9.2	> Skill level is likely sufficient
Troubleshooting	4.5	6.9	7.3	0 Current skill level may be sufficient
Repairing	3.4	6.5	8.0	> Skill level is likely sufficient
Equipment Selection	3.3	6.4	5.8	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Logging Equipment Operators (45-4022)**Associated Occupation: Fallers (45-4021)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Reaction Time	4.8	14.7	14.1	0	Current ability level may be sufficient
Static Strength	5.0	13.0	6.6	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	12.5	13.9	>	Current ability level is likely sufficient
Speed of Limb Movement	3.2	11.4	6.8	<<	Extensive improvement in abilities may be required
Trunk Strength	5.7	11.2	5.9	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	10.8	7.1	<<	Extensive improvement in abilities may be required
Stamina	4.0	10.2	4.4	<<	Extensive improvement in abilities may be required
Gross Body Coordination	3.9	10.0	4.8	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	6.4	7.2	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Logging Equipment Operators (45-4022)**Associated Occupation: Fallers (45-4021)**

Work Activities	Exclusivity of Activity
Fell or buck trees	85
Load, unload, or stack containers, materials, or products	37
Move or fit heavy objects	8
Operate material moving, loading, or unloading equipment	75
Operate tractor with accessories or attachments	76
Use chain saws	78
Use fire suppression equipment	85
Use log handling tools or equipment	95
Use two-way radio or mobile phone	42

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Logging Equipment Operators (45-4022)
Associated Occupation: Fallers (45-4021)

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.